

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Palo Verde Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 5 2 8	PAGE (3) 1 OF 2
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TITLE (4)  
Automatic Actuation of Balance of Plant Engineered Safety Features System

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
0	1	19	85	003	00	0	2	1985			0 5 0 0 0
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)											

OPERATING MODE (9) 6	20.402(b)	20.406(c)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10)	20.406(a)(1)(i)	50.36(c)(1)	<input type="checkbox"/>	50.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(ii)	50.36(c)(2)	<input type="checkbox"/>	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.406(a)(1)(iii)	50.73(a)(2)(i)	<input type="checkbox"/>	50.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	50.73(a)(2)(ii)	<input type="checkbox"/>	50.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	50.73(a)(2)(iii)	<input type="checkbox"/>	50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME W.F. Quinn (6187)	TELEPHONE NUMBER 6 0 2 9 4 3 - 7 2 0 0
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
B	I L	C P U N	2 8 0	N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)  NO

EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

Automatic actuation of the control room essential filtration actuation signal occurred due to a spurious high radiation alarm on the radiation monitoring unit. All attendant equipment actuated satisfactorily. The radiation monitoring unit was reworked and functionally checked.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  Palo Verde Unit 1	DOCKET NUMBER (2)  0 5   0   0   0   5   2   8 8 5	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		- 0   0   3	- 0   0	0   2	OF	0   2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On January 19, 1985 Palo Verde Unit 1 was in Mode 6. Initial fuel loading had been completed and Train B of shutdown cooling was in operation. Smoke exhaust fan on the 140' level of the control building was running due to welding in the area when the control room essential filtration unit was automatically operated by a spurious alarm/actuation from the control room ventilation process radiation monitor. The control room operator tripped both essential filtration units due to welding in progress on the 140' elevation of the control building.

The control room essential filtration unit is actuated from the balance of plant engineered safety features actuation system which receives a signal from the control room ventilation radiation monitoring unit. The signal will operate from either a high radiation signal or an equipment failure signal. The high radiation indicated 2.56E-06 with a set point of 1.80E-06. The duration of the alarm was less than 18 seconds.

Troubleshooting revealed a defective CPU board in the radiation monitoring unit's remote indicating controller (RIC) the board was replaced with one from spares, the RIC was vacuumed and all chips on the boards were verified to be seated and the boards were reseated. A functional test of the radiation monitoring unit was satisfactorily performed and the unit was returned to operational status.

This radiation monitor has not generated any high radiation alarm/actuatiions since rework was completed on 1-22-85 to 2-5-85.

Arizona Public Service Company

ANPP-31944-EEVB/WFQ/GEC  
February 15, 1985

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

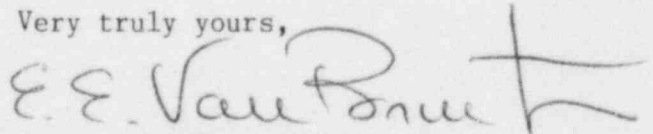
Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Unit 1  
Docket No. STN 50-528, License No. NPF-34  
License Event Report  
File: 85-056-026; G.1.01.10

Dear Sirs:

Attached please find License Event Report (LER) No. 85-003-00 prepared and submitted pursuant to 10 CFR 50.73. By copy of this letter we are also forwarding a copy of the LER to the Regional Administrator of the Region V Office.

If you have any questions or concerns, please contact me.

Very truly yours,



E. E. Van Brunt, Jr.  
APS Vice President  
Nuclear Production  
ANPP Project Director

EEVB/GEC/mb  
Attachment

cc: J. B. Martin  
R. P. Zimmerman  
E. A. Licitra  
A. C. Gehr

IE22  
1/1

bcc: T. G. Woods  
D. B. Karner  
J. R. Bynum  
O. J. Zeringue  
J. M. Allen  
R. E. Younger  
K. W. Gross  
A. C. Rogers  
W. E. Ide  
D. N. Stover  
W. F. Quinn  
S. R. Frost  
G. E. Clyde  
D. R. Canady